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RAW SEQUENCE LISTING DATE: 02/07/2006 PATENT APPLICATION: US/10/566,448 TIME: 14:00:11

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-> 10 <141> CURRENT FILING DATE: 2006-01-27
  10 <150> PRIOR APPLICATION NUMBER: unassigned
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275 277 279 281 283 285 287 289 291 293 295 297 299 301 303 305 307 309	<pre><400> SEQUI gatccatgag catattctat agttttgaat aatactgtaa gcgatagctt atgtacttct ggtatattca aaatcacttg gtttatctgg gcctaatccc attgtttttg cgtgcaataa tcgaccatgg taaaacttta atgctaaggg aatactattc acgggaccac</pre>	ENCE: 15 caattagcat gctgcaatat atccttctcc atatgataag agcataatta gatagttgcc atatctaata caaattgact aagtcatgtg ttttaagcat caatcagctt atgaggttcc aaagagcaaa tctcgagagg aaaataattt ttaatcaaca ctttcactcg cttatgttat	gaacgttctg tgaaaatcta tgactttctt tacctgcaaa gtaacttatc gaggtcaaat gtacccaatt tttctgccgg agaaatttgt cttggttta gagtcttat aaactccgta ccctaggtc ccttgcagcc cgtctaatta atcatatcgc tactatgg	aaaagcgcgt ataaacaaaa atttagaatt acactgcagc gcgcagaatt gttgttgtat caattgcaaa aaaagcaacc aaataaaatt cgatgacacc taggcatcag gattttcct tgtccaggaa aagctttgcg atattatgag tgtctcactc aagcatacgt tctggccatt	ttagctctcc ctaatgtaca aatataatac tcaagtctta ccctaatgtt ttgtattata gatagtcatt ttgacacaca tttcgcagta gcaataaggt tctttctctc tctttgttga tgtattttcg tactcgcaaa ttaattcaaa agactcaata taagtggatg ctcatcgtga	ttaattette tgcatacatt atgaggttet cccgacctac cctcaatatt aaaaaaacct aagttaatta atttaagtgg acaactttat taagttett atccagatcc tgtttgtcga ttattaaaaa ccccacggac cgacactcag tctcttgccg gcttccgggt	120 180 240 300 360 420 480 540 600 660 720 780 840 900 960 1020 1080
275 277 279 281 283 285 287 289 291 293 295 297 299 301 303 305 307 309 311	<pre><400> SEQUI gatccatgag catattctat agttttgaat aatactgtaa gcgatagctt atgtacttct ggtatattca aaatcacttg gtttatctgg gcctaatccc attgtttttg cgtgcaataa tcgaccatgg taaaacttta atgctaagga aatactattc acgggaccac gctcgcatat</pre>	ENCE: 15 caattagcat gctgcaatat atccttctcc atatgataag agcataatta gatagttgcc atatctaata caaattgact aagtcatgtg ttttaagcat caatcagctt atgaggttcc aaagagcaaa tctcgagagg aaaataattt ttaatcaaca ctttcactcg cttatgttat ctggctctaa	gaacgttctg tgaaaatcta tgactttctt tacctgcaaa gtaacttatc gaggtcaaat gtacccaatt tttctgccgg agaaatttgt cttggttta gagtcttat aaactccgta ccctaggtc ccttgcagcc cgtctaatta atcatatcgc tactatgg gacttcggg	aaaagcgcgt ataaacaaaa atttagaatt acactgcagc gcgcagaatt gttgttgtat caattgcaaa aaaagcaacc aaataaaatt cgatgacacc taggcatcag gattttcct tgtccaggaa aagctttgcg atattatgag tgtctcactc aagcatacgt tctggccatt ccgacgcaag	ttagctctcc ctaatgtaca aatataatac tcaagtctta ccctaatgtt ttgtattata gatagtcatt ttgacacaca tttcgcagta gcaataaggt tctttctctc tctttgttga tgtattttcg tactcgcaaa ttaattcaaa agactcaata taagtggatg ctcatcgtga gagtagccga	ttaattette tgcatacatt atgaggttet cccgacctac cctcaatatt aaaaaaacct aagttaatta atttaagtgg acaactttat taagttett atccagatcc tgtttgtcga ttattaaaaa cccacggac cgacactcag tctcttgccg gcttccgggt catatatcg	120 180 240 300 360 420 480 540 600 660 720 780 840 900 960 1020 1080 1140
275 277 279 281 283 285 287 289 291 293 295 297 299 301 303 305 307 309 311 313	<pre><400> SEQUI gatccatgag catattctat agttttgaat aatactgtaa gcgatagctt atgtacttct ggtatattca aaatcacttg gtttatctgg gcctaatccc attgtttttg cgtgcaataa tcgaccatgg taaaacttta atgctaaggg aatactattc acgggaccac gctcgcatat aataactgc</pre>	ENCE: 15 caattagcat gctgcaatat atccttctcc atatgataag agcataatta gatagttgcc atatctaata caaattgact aagtcatgtg ttttaagcat caatcagctt atgaggttcc aaagagcaaa tctcgagagg aaaataattt ttaatcaaca ctttcactcg cttatgttat ctggctctaa ttgttttt	gaacgttctg tgaaaatcta tgactttctt tacctgcaaa gtaacttatc gaggtcaaat gtacccaatt tttctgccgg agaaatttgt cttggttta gagtcttat aaactccgta cccttaggtc ccttgcagcc cgtctaatta atcatatcgc tactatgg gacttcggg tttaccatt	aaaagcgcgt ataaacaaaa atttagaatt acactgcagc gcgcagaatt gttgttgtat caattgcaaa aaaagcaacc aaataaaatt cgatgacacc taggcatcag gatttttcct tgtccaggaa aagctttgcg atattatgag tgtctcactc aagcatacgt tctggccatt ccgacgcaag attaccatcg	ttagctctcc ctaatgtaca aatataatac tcaagtctta ccctaatgtt ttgtattata gatagtcatt ttgacacaca tttcgcagta gcaataaggt tctttctctc tctttgttga tgtattttcg tactcgcaaa ttaattcaaa agactcaata taagtggatg ctcatcgtga gagtagccga tgtttactgt	ttaattette tgcatacatt atgaggttet cccgacctac cctcaatatt aaaaaacct aagttaatta atttaagtgg acaactttat taagttett atccagatcc tgtttgtcga ttattaaaaa cccacggac cgacactcag tctcttgccg gcttccgggt catatatccg ttattgccc	120 180 240 300 360 420 480 540 600 660 720 780 840 900 960 1020 1080 1140 1200
275 277 279 281 283 285 287 289 291 293 295 297 301 303 305 307 309 311 313 315	<pre><400> SEQUI gatccatgag catattctat agttttgaat aatactgtaa gcgatagctt atgtacttct ggtatattca aaatcacttg gtttatctgg gcctaatccc attgtttttg cgtgcaataa tcgaccatgg taaaacttta atgctaaggg aatactattc acgggaccac gctcgcatat aataactgc ctcaaaaagc</pre>	ENCE: 15 caattagcat gctgcaatat atccttctcc atatgataag agcataatta gatagttgcc atatctaata caaattgact aagtcatgtg ttttaagcat caatcagctt atgaggttcc aaagagcaaa tctcgagagg aaaataattt ttaatcaaca ctttcactcg cttatgttat ctggctctaa ttgtttttt taatgtaatt	gaacgttctg tgaaaatcta tgacttctt tacctgcaaa gtaacttatc gaggtcaaat gtacccaatt tttctgccgg agaaattgt cttggttta gagtcttat aaactccgta cccttaggtc ccttgcagcc cgtctaatta atcatatcgc tactattgc ttcatcatgg gacttcgggc ttttaccatt atattgtgc	aaaagcgcgt ataaacaaaa atttagaatt acactgcagc gcgcagaatt gttgttgtat caattgcaaa aaaagcaacc aaataaaatt cgatgacacc taggcatcag gattttcct tgtccaggaa aagctttgcg atattatgag tgtctcactc aagcatacgt tctggccatt ccgacgcaag attaccatcg caataaaaac	ttagctctcc ctaatgtaca aatataatac tcaagtctta ccctaatgtt ttgtattata gatagtcatt ttgacacaca tttcgcagta gcaataaggt tctttctctc tctttgttga tgtattttcg tactcgcaaa ttaattcaaa agactcaata taagtggatg ctcatcgtga gagtagccga tgtttactgt aagatatgac	ttaattette tgcatacatt atgaggttet cccgacctac cctcaatatt aaaaaacct aagttaatta atttaagtgg acaactttat taagttett atccagatcc tgtttgtcga ttattaaaaa ccccacggac cgacactcag tctcttgcg gcttccgggt catatatccg ttattgccc ctatagaata	120 180 240 300 360 420 480 540 600 660 720 780 840 900 960 1020 1080 1140 1200 1260
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RAW SEQUENCE LISTING DATE: 02/07/2006
PATENT APPLICATION: US/10/566,448 TIME: 14:00:11

Input Set : A:\7-06.WPP88353.txt

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				gttagttccg			1560
327	cacaccgcat	atggtgcact	ctcagtacaa	tctgctctga	tgccgcatag	ttaagccagc .	1620
329	cccgacaccc	gccaacaccc	gctgacgcgc	cctgacgggc	ttgtctgctc	ccggcatccg	1680
331	cttacagaca	agctgtgacc	gtctccggga	gctgcatgtg	tcagaggttt	tcaccgtcat	1740
333	caccgaaacg	cgcgagacga	aagggcctcg	tgatacgcct	atttttatag	gttaatgtca	1800
335	tgataataat	ggtttcttag	acgtcaggtg	gcacttttcg	gggaaatgtg	cgcggaaccc	1860
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339	gataaatgct	tcaataatat	tgaaaaagga	agagtatgag	tattcaacat	ttccgtgtcg	1980
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343	tgaaagtaaa	agatgctgaa	gatcagttgg	gtgcacgagt	gggttacatc	gaactggatc	2100
345	tcaacagcgg	taagatcctt	gagagttttc	gccccgaaga	acgttttcca	atgatgagca	2160
347	cttttaaagt	tctgctatgt	ggcgcggtat	tatcccgtat	tgacgccggg	caagagcaac	2220
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367	atgaacgaaa	tagacagatc	gctgagatag	gtgcctcact	gattaagcat	tggtaactgt	2820
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				aaaaaccacc			3060
				cgaaggtaac			3120
				agttaggcca			3180
				tgttaccagt			3240
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				gcttggagcg			3360
				ccacgcttcc			3420
				gagagcgcac			3480
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				ggaaaaacgc			3600
				acctctcatg			3660
				agccgggcga			3720
				tcctggagac	_		3780
				atgatgaaat			3840
				aattcagtgc			3900
				aaacattaac			3960
				tgtgactgga			4020
				gcagagcctt			4080
				ttcgcagtgg			4140
				agatgccgta			4200
415	tgaaccagaa	aagataaaag	aaggctatac	cagtgggagt	acacaaacag	agtaagtttg	4260

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/07/2006 PATENT APPLICATION: US/10/566,448 TIME: 14:00:12

Input Set : A:\7-06.WPP88353.txt

Output Set: N:\CRF4\02012006\J566448.raw

valid <213> Response:

e of "Artificial" only as "<213> Organism" response is incomplete, c 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

\(\pm\)#:4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29\(\pm\)#:30,31,32,33

VERIFICATION SUMMARY

DATE: 02/07/2006 TIME: 14:00:12

PATENT APPLICATION: US/10/566,448

Input Set : A:\7-06.WPP88353.txt

Output Set: N:\CRF4\02012006\J566448.raw

10 M:270 C: Current Application Number differs, Replaced Current Application No

10 M:271 C: Current Filing Date differs, Replaced Current Filing Date